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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/845,025C

DATE: 07/23/2002 TIME: 07:36:31

Input Set : N:\Crf3\Datahold\EFS\09845025\CIBT-P01-098SequenceListing.txt

Output Set: N:\CRF3\07232002\1845025C.raw

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3 <110> APPLICANT: Reilly, J.
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5 <120> TITLE OF INVENTION: NEUROPROTECTIVE METHODS AND COMPOSITIONS

7 <130> FILE REFERENCE: CIBT-P01-098

C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/845,025C

10 <141> CURRENT FILING DATE: 2001-04-27

12 <150> PRIOR APPLICATION NUMBER: 60/200,765

13 <151> PRIOR FILING DATE: 2000-04-28

15 <160> NUMBER OF SEQ ID NOS: 22

17 <170> SOFTWARE: PatentIn Ver. 2.1

19 <210> SEQ ID NO: 1

20 <211> LENGTH: 1277

21 <212> TYPE: DNA

22 <213> ORGANISM: Gallus gallus

24 <400> SEQUENCE: 1

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27 aagctgaccc cgttagccta taagcagttt attcccaatg tggcagagaa gaccctaggg 180

28 gccagtggaa gatatgaagg gaagatcaca agaaactccg agagatttaa agaactaacc 240

29 ccaaattaca accetgacat tatttttaag gatgaagaga acaegggage tgacagaetg 300

30 atgactcagc gctgcaagga caagctgaat gccctggcga tctcggtgat gaaccagtgg 360

31 cccggggtga agctgcgggt gaccgagggc tgggacgagg atggccatca ctccgaggaa 420

32 tegetgeact acgagggteg egeegtggae atcaccaegt eggateggga eegeageaag 480

33 tacggaatgc tggcccgcct cgccgtcgag gccggcttcg actgggtcta ctacgagtcc 540 34 aaggcgcaca tccactgctc cgtcaaagca gaaaactcag tggcagcgaa atcaggaggc 600

35 tgcttccctg gctcagccac agtgcacctg gagcatggag gcaccaagct ggtgaaggac 660

36 ctgagccctg gggaccgcgt gctggctgct gacgcggacg gccggctgct ctacagtgac 720

37 ttcctcacct tcctcgaccg gatggacagc tcccgaaagc tcttctacgt catcgagacg 780

38 cggcagccc gggcccggct gctactgacg gcggcccacc tgctctttgt ggccccccag 840

39 cacaaccagt eggaggecae agggtecaec agtggecagg egetettege cageaacgtg 900

40 aagcctggcc aacgtgtcta tgtgctgggc gagggcgggc agcagctgct gccggcgtct 960

41 gtccacageg teteattgeg ggaggaggeg teeggageet aegeeecaet cacegeecag 1020

42 ggcaccatcc tcatcaaccg ggtgttggcc tcctgctacg ccgtcatcga ggagcacagt 1080

43 tgggcccatt gggccttcgc accattccgc ttggctcagg ggctgctggc cgccctctgc 1140

44 ccagatgggg ccatccctac tgccgccacc accaccactg gcatccattg gtactcacgg 1200

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59 tacaaccccg acataatctt caaggatgag gagaacagcg gcgcagaccg cctgatgaca 300
60 gagcgttgca aagagcgggt gaacgctcta gccatcgcgg tgatgaacat gtggcccgga 360
61 gtacgcctac gtgtgactga aggctgggac gaggacggcc accacgcaca ggattcactc 420
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63 ttgttggcgc gcctagctgt ggaagccgga ttcgactggg tctactacga gtcccgcaac 540
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66 cgtggtgact gggtactggc cgctgatgca gcgggccgag tggtacccac gccagtgctg 720
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89 cagtggcctg gtgtgaaact gcgggtgacc gaaggccggg atgaagatgg ccatcactca 420
90 gaggagtett tacactatga gggccgcgcg gtggatatca ccacctcaga ccgtgaccga 480
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93 ggtggctgct ttcctgccgg agcccaggtg cgcctagaga acggggagcg tgtggccctg 660
94 tcagctgtaa agccaggaga ccgggtgctg gccatggggg aggatgggac ccccaccttc 720
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101 ttctggcccc tgcgactgtt tcccagtttg gcatggggca gctggacccc aagtgagggt 1140
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108 <211> LENGTH: 1313
109 <212> TYPE: DNA
110 <213> ORGANISM: Mus musculus
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 115 accepttag cetacaagea gtttatteee aacgtageeg agaagaeeet aggggeeage 180
116 ggcagatatg aagggaagat cacaagaaac tccgaacgat ttaaggaact cacccccaat 240
117 tacaaccccg acatcatatt taaggatgag gaaaacacgg gagcagaccg gctgatgact 300
118 cagaggtgca aagacaagtt aaatgccttg gccatctctg tgatgaacca gtggcctgga 360
119 gtgaggctgc gagtgaccga gggctgggat gaggacggcc atcattcaga ggagtctcta 420
120 cactatgagg gtcgagcagt ggacatcacc acgtccgacc gggaccgcag caagtacggc 480
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125 accttcctgg accgcgacga aggcgccaag aaggtcttct acgtgatcga gacgctggag 780
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133 gcggagccga ctgcgggcat ccactggtac tcgcagctgc tctaccacat tggcacctgg 1260
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145 cctctcgcct acaagcagtt catacctaat gtcgcggaga agaccttagg ggccagcggc 180
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    179 cctttagcct acaagcagtt tatccccaat gtggccgaga agaccctagg cgccagcgga 180
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    182 aggtgtaagg acaagttgaa cgctttggcc atctcggtga tgaaccagtg gccaggagtg 360
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    189 ttcctggacc gcgacgacgg cgccaagaag gtcttctacg tgatcgagac gcgggagccg 780
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    192 cctcgggcgc tgttcgccag ccgcgtgcgc ccgggccagc gcgtgtacgt ggtggccgag 960
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    195 gcctcgtgct acgcggtcat cgaggagcac agctgggcgc accgggcctt cgcgcccttc 1140
    196 cgcctggcgc acgcgctcct ggctgcactg gcgcccgcgc gcacggaccg cggcggggac 1200
    197 ageggeggeg gggacegegg gggeggegge ggeagagtag ceetaacege tecaggtget 1260
    198 gccgacgctc cgggtgcggg ggccaccgcg ggcatccact ggtactcgca gctgctctac 1320
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     213 geggaegeta tgaaggeaag ategetegea geteegageg etteaaggag eteaeceeea 300
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    215 cccagcgctg caaggaccgc ctgaactcgc tggctatctc ggtgatgaac cagtggcccg 420
    216 gtgtgaagct gcgggtgacc gagggctggg acgaggacgg ccaccactca gaggagtccc 480
    217 tgcattatga gggccgcgcg gtggacatca ccacatcaga ccgcgaccgc aataagtatg 540
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166 <210> SEQ ID NO: 6



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222 tcattttcct ggaccgcgag ccccacaggc tgagagcctt ccaggtcatc gagactcagg 840
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263 agactgctgc acgcgctagg ggcgctgctc cccggcgggg ccgtccagcc gactggcatg 1140
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274 acgccttgtg gattagcctg tggtcctggt agaggttatg gaaaacgaag acacccaaag 120
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RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/09/845,025C

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the $\langle 220 \rangle$ to $\langle 223 \rangle$ fields of each sequence which presents at least one n or Xaa.

Seq#:6; N Pos. 1387,1388,1389

Seq#:15; Xaa Pos. 463

Seq#:21; Xaa Pos. 7,9,44,85,93,98,112,132,137,139,181,183,185,186,189,191

Seq#:21; Xaa Pos. 196,200,206,207,209,211,212,216,217,219

Seq#:22; Xaa Pos. 7,8,9,12,13,14,17,19,22,27,29,30,31,33,40,41,44,45,46,48

Seq#:22; Xaa Pos. 53,54,71,79,83,84,85,87,95,100,107,114,115,116,125,134

Seg#:22; Xaa Pos. 135,139,141,157,158,160,162,166,167



VERIFICATION SUMMARY

PATENT APPLICATION: US/09/845,025C

DATE: 07/23/2002 TIME: 07:36:32

Input Set : N:\Crf3\Datahold\EFS\09845025\CIBT-P01-098SequenceListing.txt

Output Set: N:\CRF3\07232002\1845025C.raw

```
L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:200~M:341~W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:1380
L:828 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:448
L:1465 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:1471 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:32
L:1480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:80
L:1483 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:96
L:1489 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:128
L:1498 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:176
L:1501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:192
L:1504 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:208
L:1744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:1747 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:16
L:1750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:32
L:1753 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:48
L:1756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:64
L:1759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:80
L:1762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:96
L:1765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:112
L:1768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:128
L:1771 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:144
L:1774 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:160
```